

Notice of Allowability

Application No.

10/018,572

Applicant(s)

TUULOS, MARTII

Examiner

David Q. Nguyen

Art Unit

2681

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/19/05.
2. ☒ The allowed claim(s) is/are 1-7 and 9 (renumbered as 1-8, respectively).
3. ☒ The drawings filed on 20 December 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Christine H. McCarthy on 06/28/05.

3. The application has been amended as follows:

Claim 1: A method of identifying an object having an identification means, comprising generating and transmitting an authorization signal indicating the timeslot or timeslots allowed for the transmission of an identification request signal,

receiving at a mobile station of a time division mobile communication system, in which the frequency channels used by the system are divided into timeslots, the an authorization signal indicating a the timeslot or timeslots allowed for transmission of ~~an~~ the identification request signal,

reading the object's identification data from the identification means by transmitting said identification request signal by the mobile station's radio transmitter to said identification means in the timeslot indicated by said authorization signal, and receiving an identification signal by the mobile station's radio receiver or by the mobile station's infrared receiver from said identification means, and

identifying said object on the basis of the identification data included in the identification signal.

Claim 3: A time division mobile communication system, in which the frequency channels used by the system are divided into timeslots, said system comprising
a mobile switching centre,
a base station communicating with the mobile switching centre;

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an object comprising an identification means composed of a tag comprising means for generating an identification signal including identification data in response to a predetermined identification request signal,

a data processing device in which data relating to said object is maintained,

control means for generating and transmitting an authorization signal indicating a timeslot or timeslots allowed for transmitting an identification request signal, and

a mobile station comprising:

a radio transmitter and a radio receiver for setting up a connection to the mobile switching centre via the base station,

means for receiving the authorization signal,

means for reading said object's identification data from the identification means:

- by transmitting an identification request signal with the mobile stations radio transmitter to said identification means in the timeslot indicated by the authorization signal, and

- by receiving from said identification means the identification data included in an identification signal with the mobile stations radio receiver or with an infrared receiver, and

means for transmitting the read identification data with the mobile station's radio transmitter over the radio path via the base station further to said data processing device.

Allowable Subject Matter

4. Claims 1-7 and 9 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding independent claims 1,3 and 9, the claims have been amended to include allowance subject matter of claim 8. Therefore, independent claims 1,3 and 9 are now allowable with the same reason set forth in the previous office action.

Claim 2 depends on claim 1. Therefore, it is allowed.

Claims 4-7 depend on claim 3. Therefore, they are allowed.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Q. Nguyen whose telephone number is 571-272-7844. The examiner can normally be reached on 8:30AM-5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JOSEPH H. FEILD can be reached on (571)272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


David Nguyen


JOSEPH FEILD
SUPERVISORY PATENT EXAMINER